$\frac{\text{Figure 1}}{\text{Adsorption isotherms of benzene on ZSM-5 and Y}}$ Zeolite

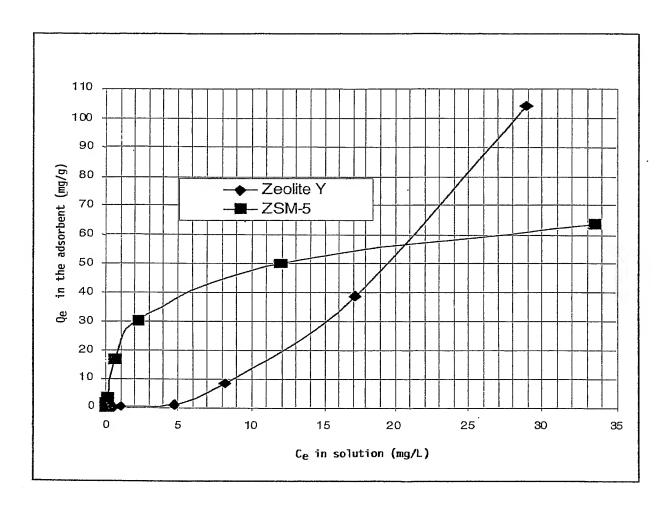


Figure 2

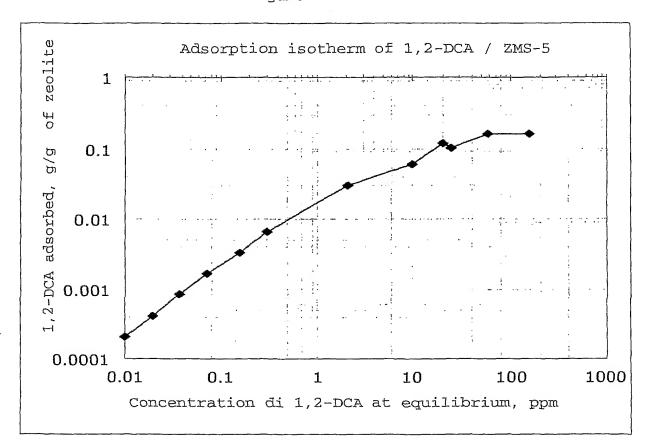


Figure 3
One column system

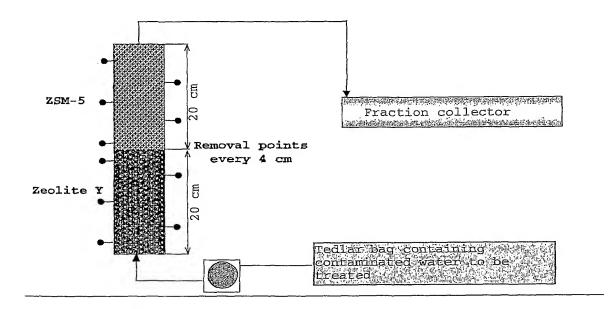


Figure 4
Two column system

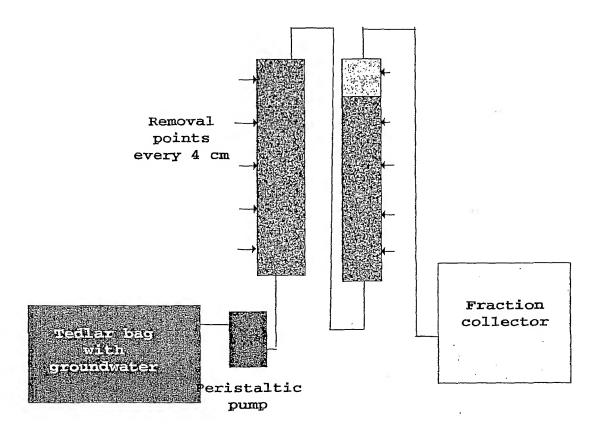


Figure 5

Gaschromatographic profile of the head space (GC-MS)

of groundwater, in the feeding to the PRB simulation

apparatus

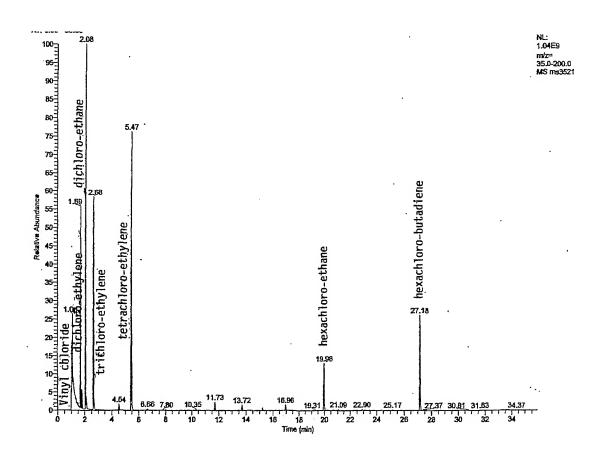


Figure 6

Gaschromatographic profile of the head space (GC-MS) of groundwater, at the outflow of the PRB simulation apparatus

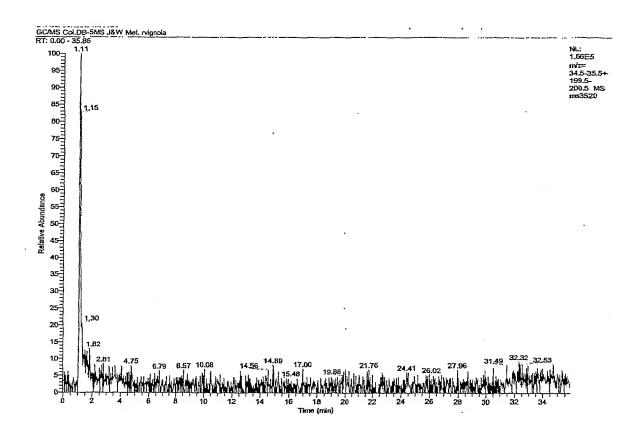


Figure 7

Gaschromatographic profile of the head space (GC-MS)

of water removed from the water-bearing stratum

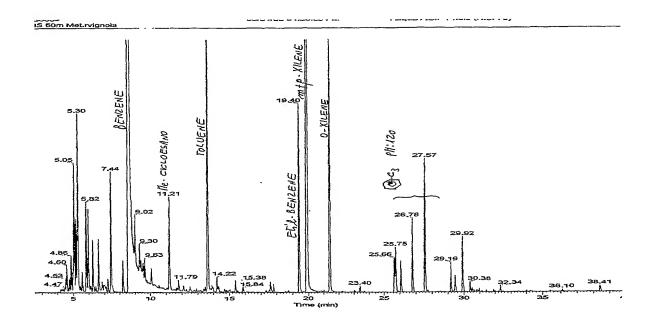
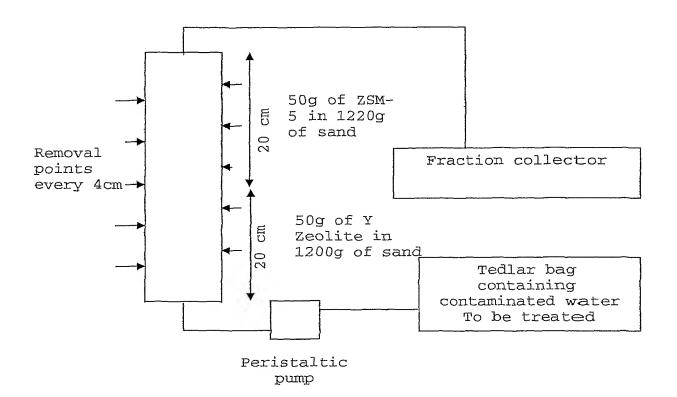


Figure 8

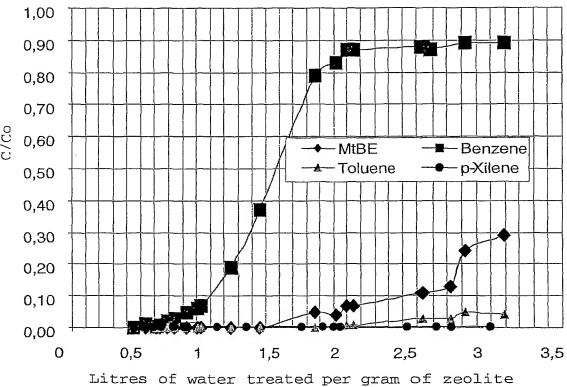


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Figure 9 Treatment of real water Column (7,5x40cm)

0-20 cm Zeolite Y (50g); 21-40 cm ZMS-5 (50g)

Breakthrough at 20 cm (Y Zeolite)



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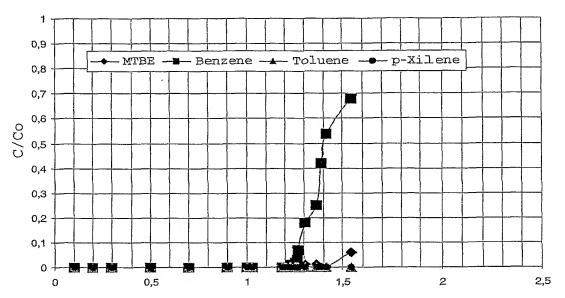
Figure 10

Treatment of eal water

Column $(7.5 \times 40 \text{cm})$

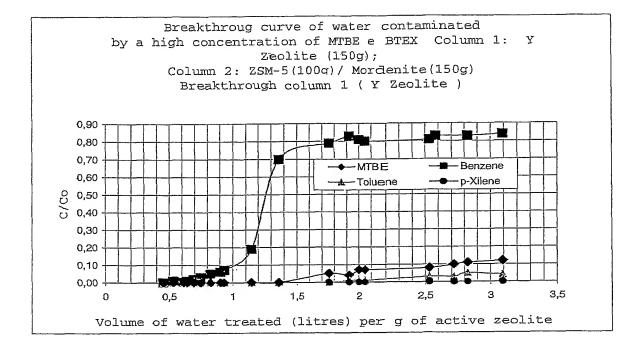
0-20 cm Y Zeolite (50g); 21-40 cm ZMS-5 (50g)

Breakthrough at 40 cm (ZMS-5)



Volume of water (litres) treated per gram of active zeolite

Figure 11



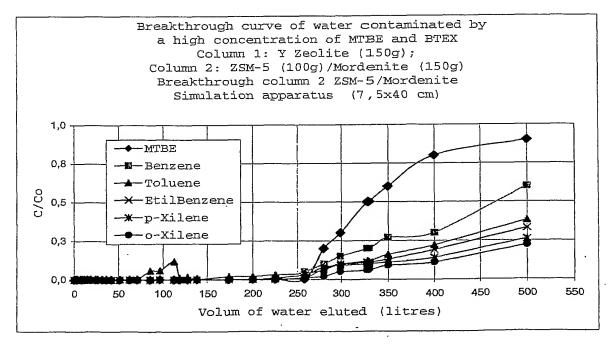


Figure 12

Gaschromatographic profile of the head space of

Water at the inlet of the Y zeolite column

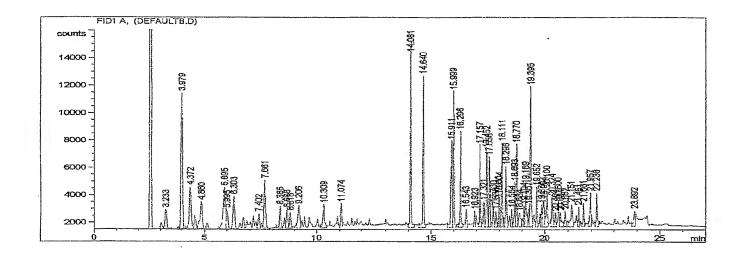


Figure 13

Gaschromatographic profile of the head space of water at the outflow of the Y zeolite column

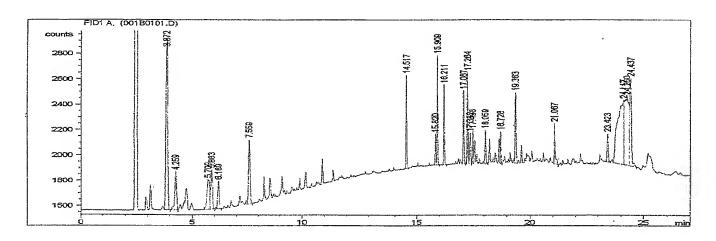


Figure 14

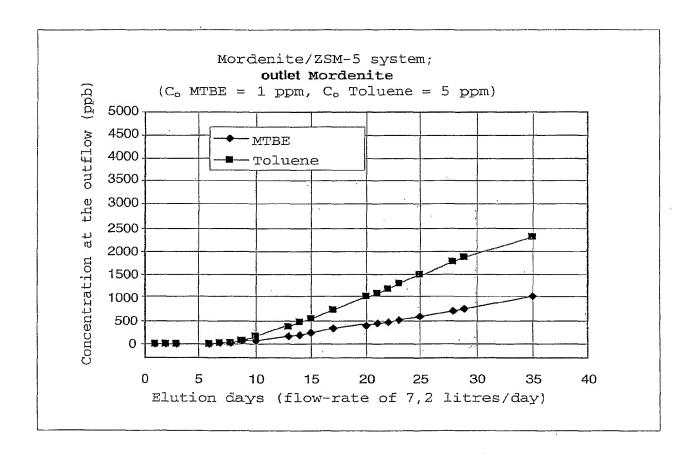


Figure 15

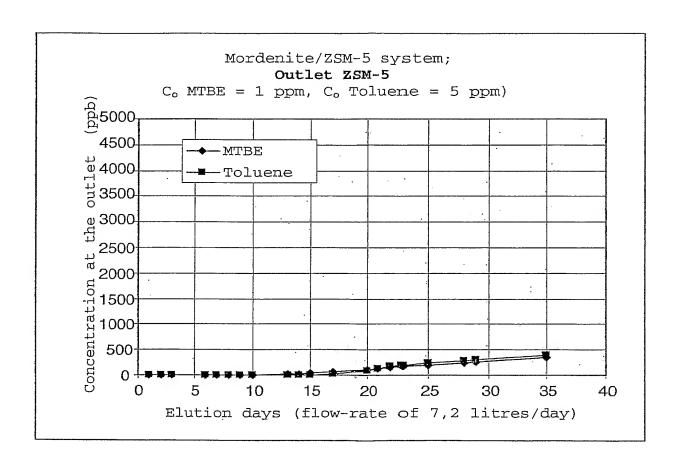


Figure 16

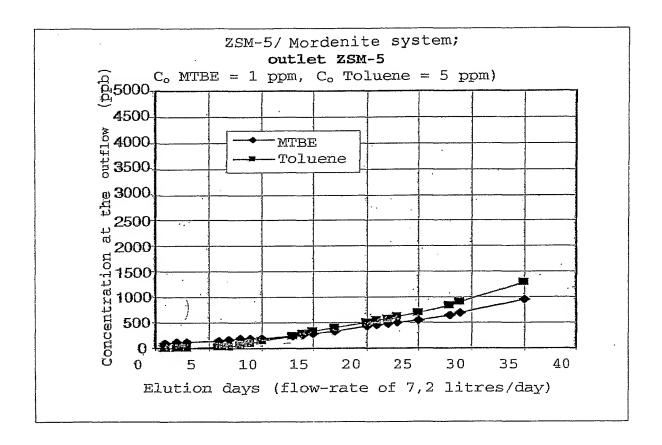


Figure 17

